

ABSTRACT OF THE DISCLOSURE

A golf club head with diaphragm which divides the cavity of the golf club head and designed to increase the rebounding force of the golf club head face when it returns to its original shape after being deformed so that golfers can hit the ball farther and accurately. The diaphragm can be just one or indefinite numbers, the shape of diaphragms can be flat, concave, convex, bell-shaped or irregular, the diaphragms can have one or indefinite number of hole(s) in it and/or various gases, compound gases or liquids can be put in the cavity of the golf club head or space between the inner wall of the golf club head face and the diaphragm.